

SEQUENCE LISTING

<110> OKADA, Hidechika
OKADA, Noriko

<120> Human IgM antibody inducing apoptosis in HIV-infected cells and remedy for HIV-infection

<130> Q112017

<140> US 10/519,855

<141> 2005-09-14

<150> PCT/JP2003/008305

<151> 2003-06-30

<150> JP 2003-74316

<151> 2003-03-18

<150> JP 2002-227953

<151> 2002-07-01

<160> 8

<170> PatentIn version 3.3

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<212> DNA

<213> Homo sapiens

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<223> variable region of human immunoglobulin mu chain

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tgcagctggg ggagtctggg ggaggcctgg tcaagcctgg ggggtccctg agactctcct	180
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ggaaggggct ggagtgggtc tcatccatta gtagtagtag tagttacata tactacgcag	300
actcagtga gggccgattc accatctcca gagacaacgc caagaactca ctgtatctgc	360
aaatgaacag cctgagagcc gaggacacgg ctgtgtatta ctgtgcgaga gatctcctta	420
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(1/4)

catctgtagg agacagagtc accatcactt gccgggagcag tcagggcatt agcaattatt	180
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ctttgcaatc aggggtccca tctcggttca gcggcagtgg atctgggaca gatttcactc	300
tcaccatcag cagcctgcag cctgaagatg ttgcaactta ttactgtcaa aagtataaca	360
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 20 25 30
 Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe
 35 40 45
 Ser Thr Tyr Ser Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu
 50 55 60
 Glu Trp Val Ser Ser Ile Ser Ser Ser Ser Ser Tyr Ile Tyr Tyr Ala
 65 70 75 80
 Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn
 85 90 95
 Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val
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 Tyr Tyr Cys Ala Arg Asp Leu Leu Ile Ala Val Ala Gly His Trp Gly
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 (2/4)

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 caaataaatt ctttacgtgc tgaagatact gctgtttatt attgtgctcg tgatttatta 360
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 tgcgccgcct ccggcttcac cttctccacc tactccatga actgggtccg ccaggccccc 180
 ggcaagggct tggagtgggt ctctccatc tcctcctcct cctcctacat ctactacgcc 240
 gactccgtca agggccgctt caccatctcc cgcgacaacg ccaagaactc cttgtacttg 300
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 g 121

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<210> 8
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 <212> PRT
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<220>
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Met Glu Leu Gly Leu Arg Trp Val Phe Leu Val Ala Ile Leu Glu Gly
 1 5 10 15
 Val Gln Cys Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys
 20 25 30